

Table 1.

Drug	Initial Dose	Target Dosage	Dosage forms (mg)	Half-Life	Absorption	Distribution	Elimination
Captopril (Generic)	12.5 mg TID	50 mg TID	12.5, 25, 50	<3 hr	Peak 1 hr 75% bioavailability Food decreases 30%-45% absorption	25%-35% protein bound	Renal: >95% out, 40%-50% unchanged
Cilazapril (Inhibace, generic)	2.5 mg QD	10 mg QD	1, 2.5, 5	9 hr	Peak 2 hr  Food delays and reduces absorption  Bioavailability: 60%		Renal
Enalapril (Vasotec generic)	2.5 mg BID	10 mg BID	2.5, 5, 10, 20	11 hr (increased with renal insufficiency)	Bioavailability: 60%  No effect of food		Fecal and Renal: 94% as prodrug, active drug 40% renal.
Fosinopril (Monopril, generic)	10 mg QD	40 mg QD	10, 20	12 hr active drug in healthy pt.  HTN pt. 11.5 hr  HF pt. 14 hr  <b>Pediatric</b> 11-13 hr	Slow absorption of prodrug, 3 hr = peak.  36% Bioavailability prodrug (75% active)  Food slows <i>rate</i> of absorption but not amount	99.4% protein bound	Fecal 50% of prodrug absorbed  Renal 50% of prodrug  Renal for active drug
Lisinopril (Prinivil, Zestril, generic)	2.5 mg QD	30-40 mg QD	5, 10, 20	12 hr  Decreases in renal failure pts.	Peak 7 hr  Bioavailability: 25% (varies) decreased in HF  No food effect	Not protein bound	Renal: unchanged

Perindopril (Coversyl)	2 mg QD	4-8 mg QD	2, 4, 8	0.8-1 hr (prodrug) Active- 30-120 hr	Peak 1 hr (prodrug)  Active drug 3-7 hr  Bioavailability: 75% (prodrug), 25% active drug  Food effects activate drug by decreasing bioavailability 35%-43%	Prodrug 60% bound  Active: 10%-20% bound	Active drug: renal 20%-30% Fecal 25%
Quinapril (Accupril)	5-10 mg QD	40 mg QD	5, 10, 20, 40	25 hr (active drug) increased in renal insufficiency	Peak 1 hr (prodrug)  Prodrug 60% bioavailability  Food decreases amount absorbed 30% and rate 25%	97% protein binding	Active drug up to 96% renal excretion
Ramipril (Altace, generic)	1.25-2.5 mg BID	5 mg BID	1.25, 2.5, 5, 10	Active drug 13- 17 hr  Renal impair up to 40 hr  Elderly 23.5 hrs.	Prodrug peak <1 hr  Bioavailability prodrug 28%, active drug 44%	Prodrug 73% bound  Active: 56% bound	Prodrug: Renal 60% fecal 40% <2% unchanged  CHF: renal decreases to 12%
Trandolapril (Mavik)	0.5-1 mg	4 mg QD	0.5, 1, 2, 4	6 hr prodrug  Active 10 hr	Bioavailability: 10% food slows absorption		Fecal 66% renal 33%

BID = Twice daily ; QD = Once daily; TID = three times daily.